

## EPA Official Record

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**Notes ID:** C4B2F175F16DF52D8525786900563014

**From:** "Mitkevicius, K C NAE" <K.C.Mitkevicius@usace.army.mil>

**To:** Dave Dickerson/R1/USEPA/US@EPA; ElaineT Stanley/R1/USEPA/US@EPA

**Delivered Date:** 11/09/2007 02:36 PM EDT

**Subject:** FW: New Bedford CDF Capacity Calculations

ATTACHMENT: New Bedford Capacity Calculations.xls  
Dave, Elaine

Attached are the CDF capacity calculations developed by Engineering. Please review and let me know if you have any comments. If OK next step would be to meet with Jacobs to task them with converting CY capacity to tons of storage of dredged slurry or filter cake.

KC

-----Original Message-----

From: Leitch, Robert A NAE  
Sent: Friday, November 09, 2007 2:19 PM  
To: Mitkevicius, K C NAE  
Subject: New Bedford CDF Capacity Calculations

KC:

Attached are the volume calculations for the CDFs. Upon looking at the drawings, the CDF A and B berm elevations are both equal to 7 ft above sea level. In last week's call, someone mentioned 10' but that is incorrect.

If the cap thickness/elevations or bottom elevation needs to be changed, the new elevations can be input and the spreadsheet will automatically change the volume.

Bob

-----Original Message-----

From: Lindsay, Christopher J NAE  
Sent: Friday, November 09, 2007 2:06 PM  
To: Leitch, Robert A NAE  
Subject: FW: New Bedford Capacity Calculations

Bob,

This is the latest on the volume calculations. If the sand layer is deleted, simply enter the floor elevation as -3.0 and the volume will recalculate. Same for height adjustments, change the 'bottom of cap' entry. These are

the only values used in the calculations.

Chris  
978-318-8472

-----Original Message-----

From: Meader, Robert NAE  
Sent: Friday, November 09, 2007 2:02 PM  
To: Lindsay, Christopher J NAE  
Subject: New Bedford Capacity Calculations

Chris:

The attached spreadsheet will allow you to play some what if games with various elevations of the CDF floor and the bottom elevation of the cap to give you representative capacities of the three CDFs.

Bob  
- New Bedford Capacity Calculations.xls